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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Janusz Pawliszyn

Art Unit: 1753

Serial No. 09 / 986489

Examiner: Alex Noguerola

Filed: November 9, 2001

For: Micromachining using printing technology

Amendment

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

In response to the Office Action mailed May 3, 2004, please amend claims in the above-identified application as follows:

1. (amended and combined with claim 16) A microchannel for use for separating two or more substances present in a sample, said channel comprising a first substrate and a second substrate with printed component printed on at least one of said substrates in a shape to define a perimeter of said channel, said channel has elongated impermeable side walls formed by said component that are tapered relative to one another, said substrates being affixed to one another so that said component is sandwiched between said substrates and is in contact with both substrates.